

## Electronic Acknowledgement Receipt

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| <b>EFS ID:</b>                              | 4048854                                  |
| <b>Application Number:</b>                  | 10828327                                 |
| <b>International Application Number:</b>    |  |
| <b>Confirmation Number:</b>                 | 4238                                     |
| <b>Title of Invention:</b>                  | Scrambler and scrambling method          |
| <b>First Named Inventor/Applicant Name:</b> | Jae-seong Shim                           |
| <b>Customer Number:</b>                     | 49455                                    |
| <b>Filer:</b>                               | Douglas Xavier Rodriguez/Jennifer Oakley |
| <b>Filer Authorized By:</b>                 | Douglas Xavier Rodriguez                 |
| <b>Attorney Docket Number:</b>              | 1293.1127C2                              |
| <b>Receipt Date:</b>                        | 02-OCT-2008                              |
| <b>Filing Date:</b>                         | 21-APR-2004                              |
| <b>Time Stamp:</b>                          | 14:04:15                                 |
| <b>Application Type:</b>                    | Utility under 35 USC 111(a)              |

### Payment information:

|  |             |
|--|-------------|
| Submitted with Payment                   | yes         |
| Payment Type                             | Credit Card |
| Payment was successfully received in RAM | \$ 140      |
| RAM confirmation Number                  | 12156       |
| Deposit Account                          |             |
| Authorized User                          |             |

### File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/<br>Message Digest | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|-----------|-------------------------------------|------------------|------------------|
|-----------------|----------------------|-----------|-------------------------------------|------------------|------------------|

|  |  |  |  |            |   |
|--|--|--|--|------------|---|
| 1  |  | AmendmentTerminalDisclaimer_10-02-08.pdf         | 628444<br>c14b42ee0d1e5db45d18b2aff73ca1af2ab4 | yes        | 8 |
| <b>Multipart Description/PDF files in .zip description</b> |  |  |  |            |   |
|  |  | <b>Document Description</b>                      | <b>Start</b>                                   | <b>End</b> |   |
|  |  | Fee Worksheet (PTO-06)                           | 1  | 1          |   |
|  |  | Amendment After Final                            | 2  | 2          |   |
|  |  | Claims   | 3  | 3          |   |
|  |  | Applicant Arguments/Remarks Made in an Amendment | 4  | 5          |   |
|  |  | Terminal Disclaimer Filed                        | 6  | 8          |   |

**Warnings:**

**Information:**

|   |                        |              |   |    |   |
|---|------------------------|--------------|---|----|---|
| 2 | Fee Worksheet (PTO-06) | fee-info.pdf | 29873<br>012a110986cddcb7f16d073c7cdcf7c9a1af2ab4 | no | 2 |
|---|------------------------|--------------|---|----|---|

**Warnings:**

**Information:**

|                                     |        |
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| <b>Total Files Size (in bytes):</b> | 658317 |
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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.